

Figure 1. Cold Top *Ex-Situ* Vitrification System

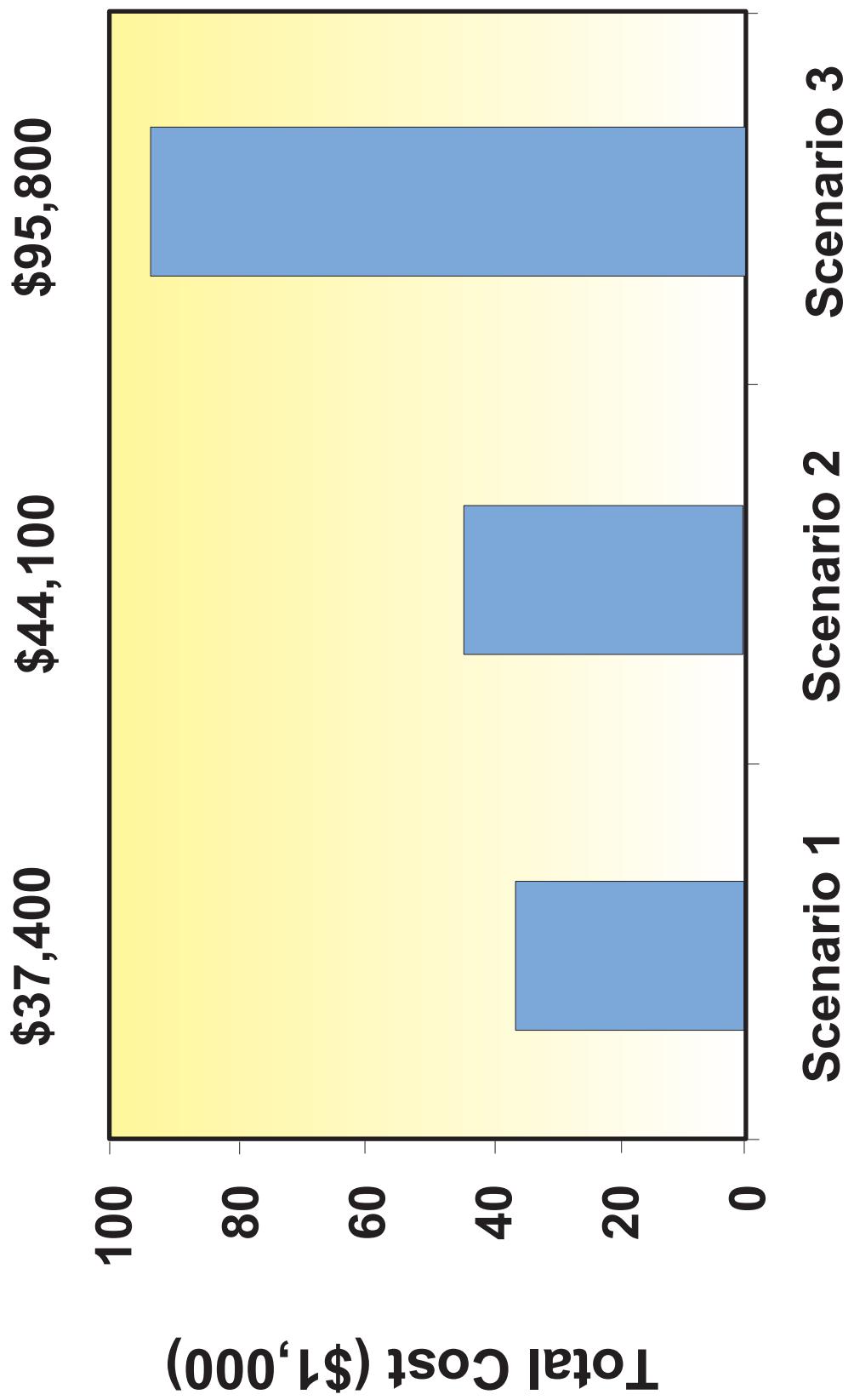
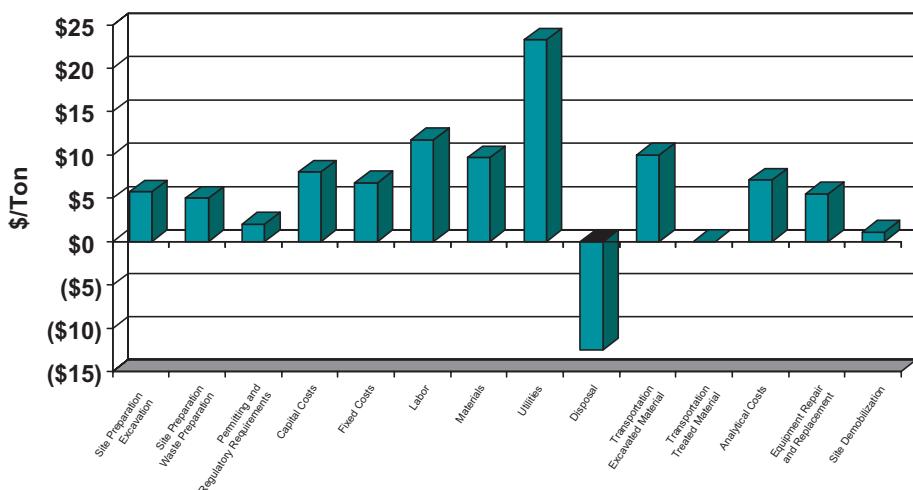


Figure 2. Total Treatment Cost for Typical Site

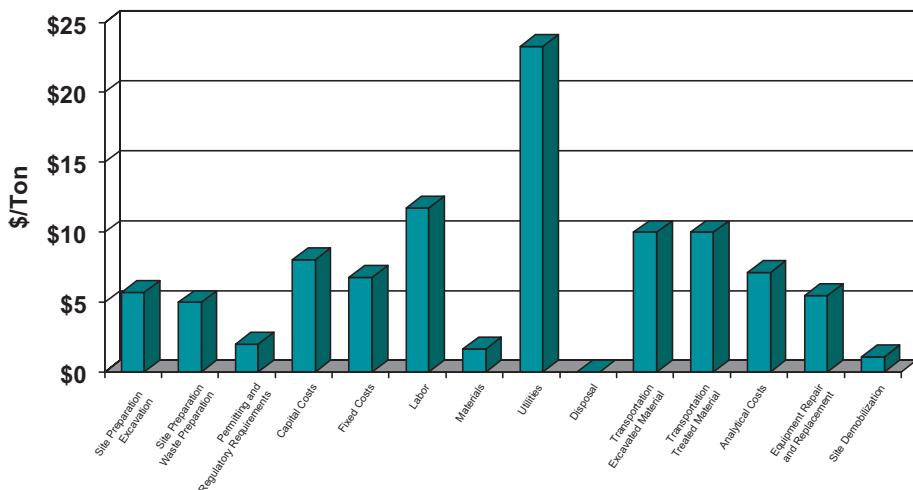
Sell Treated Material as Aggregate and Use Clean Backfill



**Total Cost
\$83/ton**

Figure 3a. Cost Breakdown for Scenario No. 1

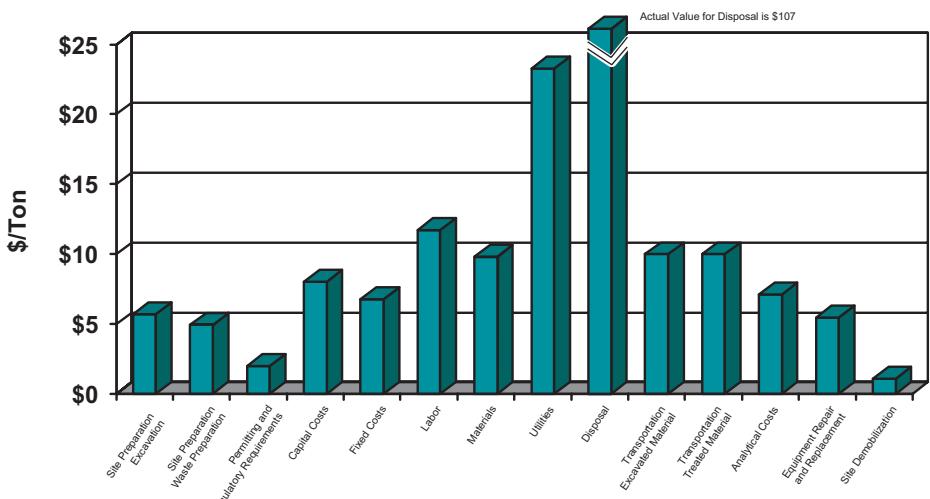
Backfill Treated Material



**Total Cost
\$98/ton**

Figure 3b. Cost Breakdown for Scenario No. 2

Landfill Treated Material and Use Clean Backfill



**Total Cost
\$213/ton**

Figure 3c. Cost Breakdown for Scenario No. 3

Figure 3. Cost Breakdown for Scenarios No. 1, 2, and 3

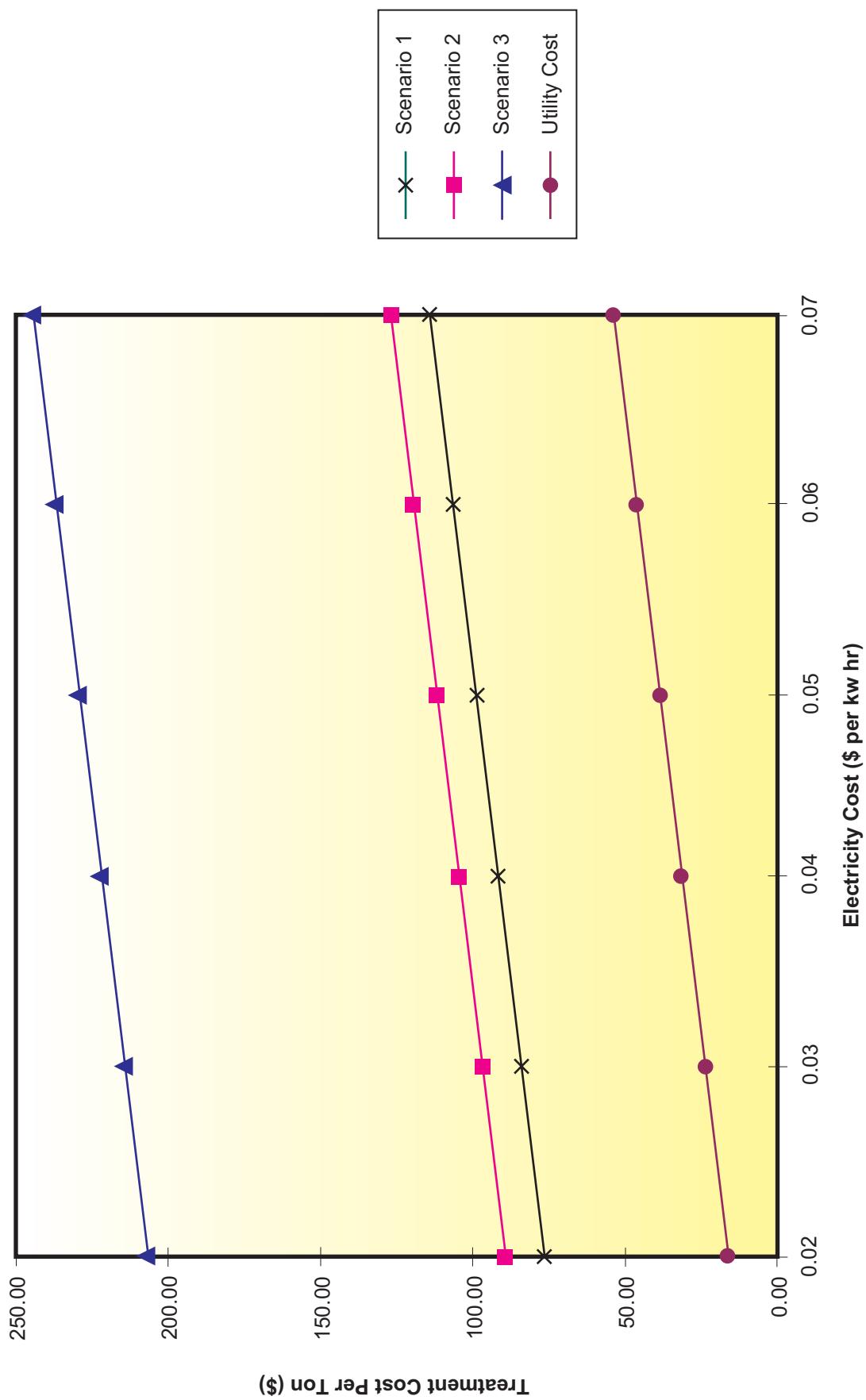


Figure 4. Impact of Electricity Cost on Total Treatment Cost

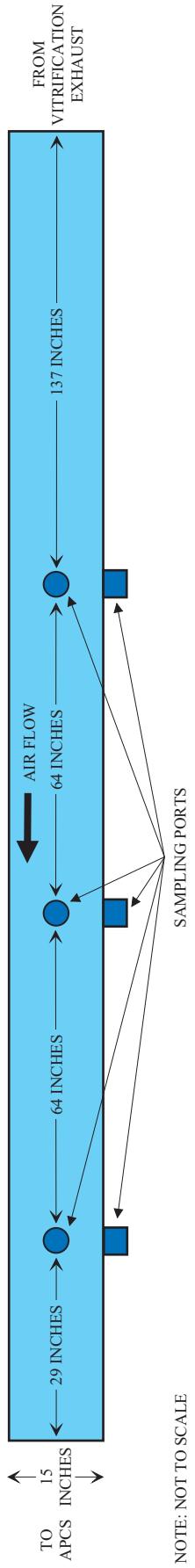


Figure 5. Sampling Locations S13 in Circular Duct after Vitrification Furnace

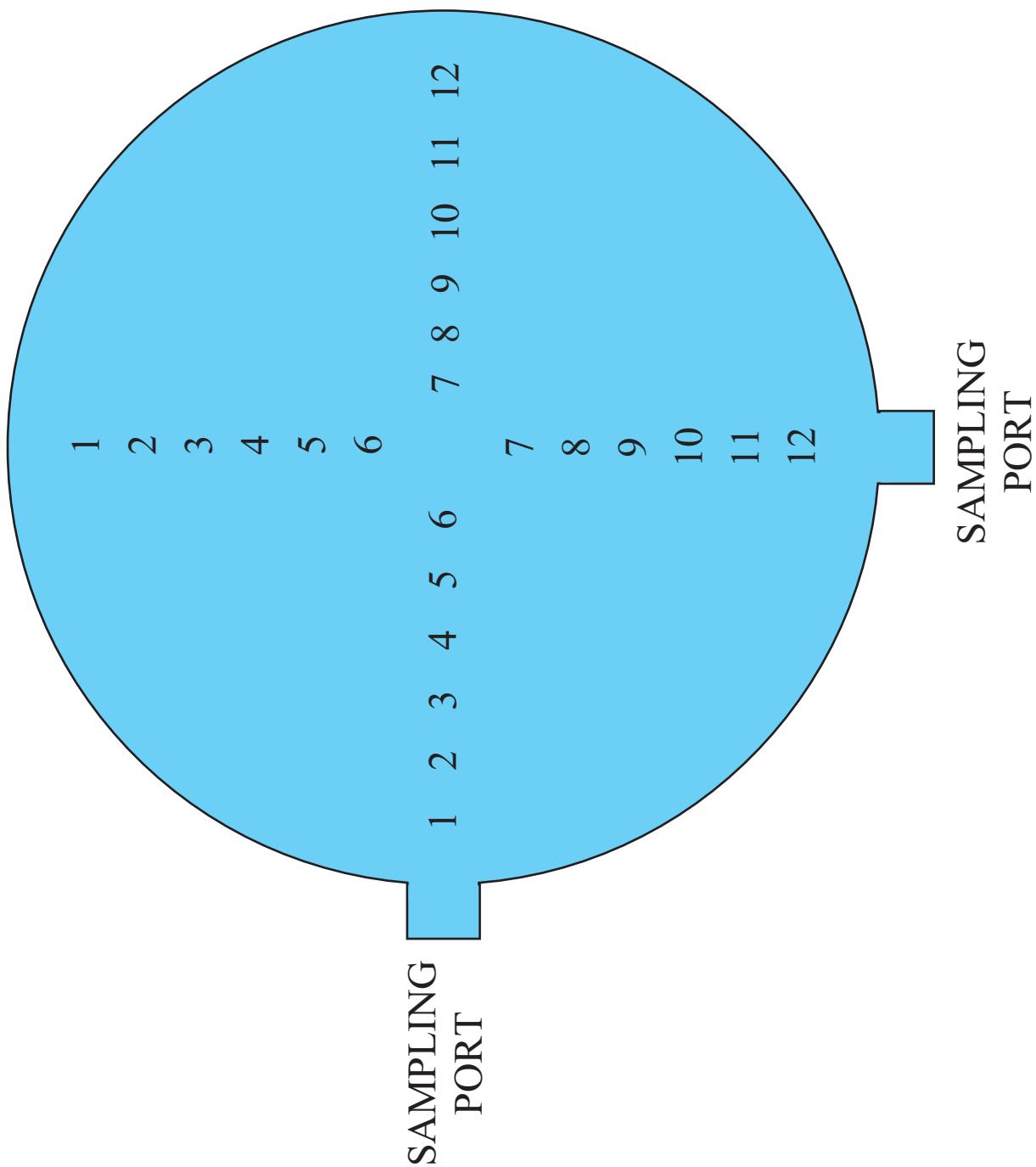


Figure 6. Traverse Point Layout for Sampling Locations S13 and S9

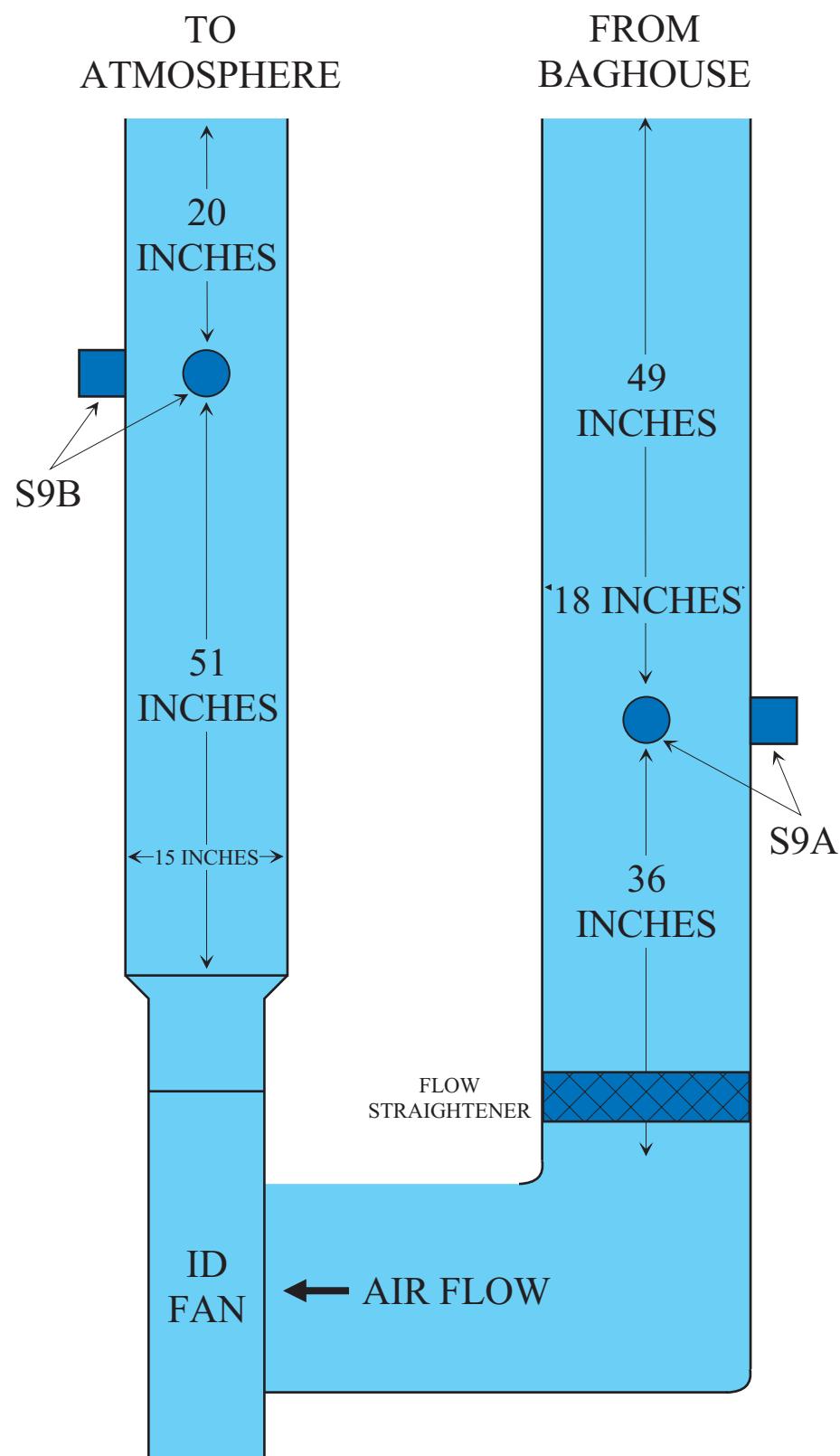


Figure 7. Sampling Locations S9A and S9B in the APCS Outlet

Figure 1a. Oxygen and Carbon Dioxide--RUN 1

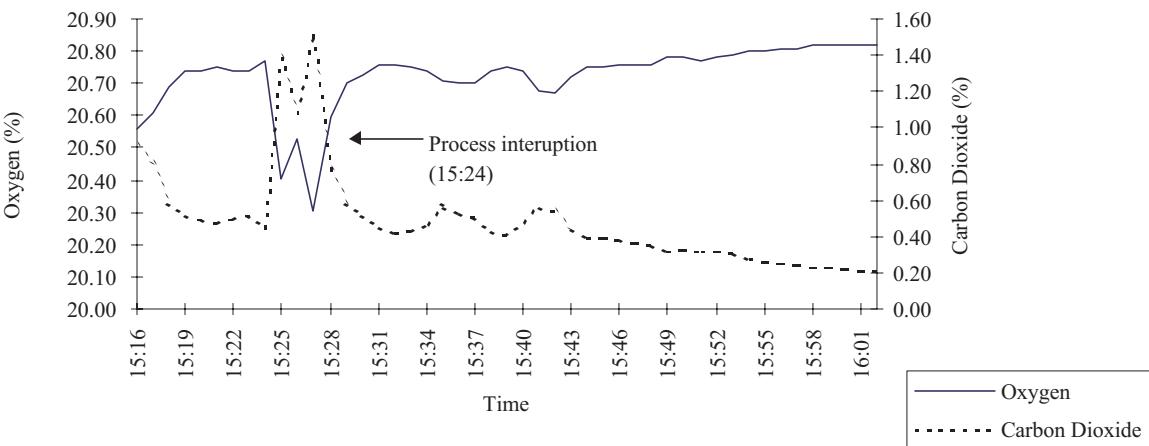


Figure 1b. Oxides of Nitrogen and Sulfur Dioxide--RUN 1

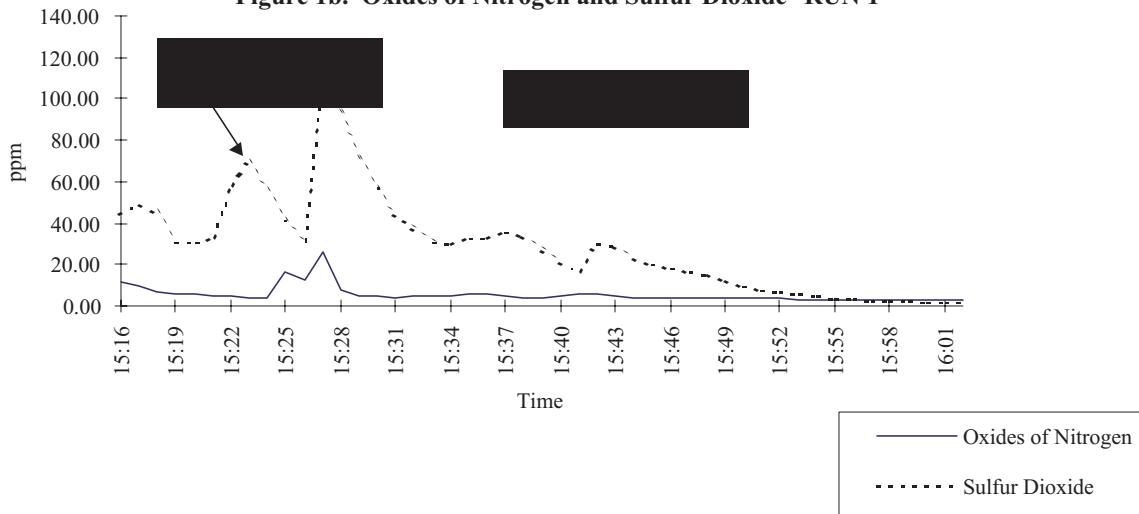


Table 1c. Carbon Monoxide--RUN 1

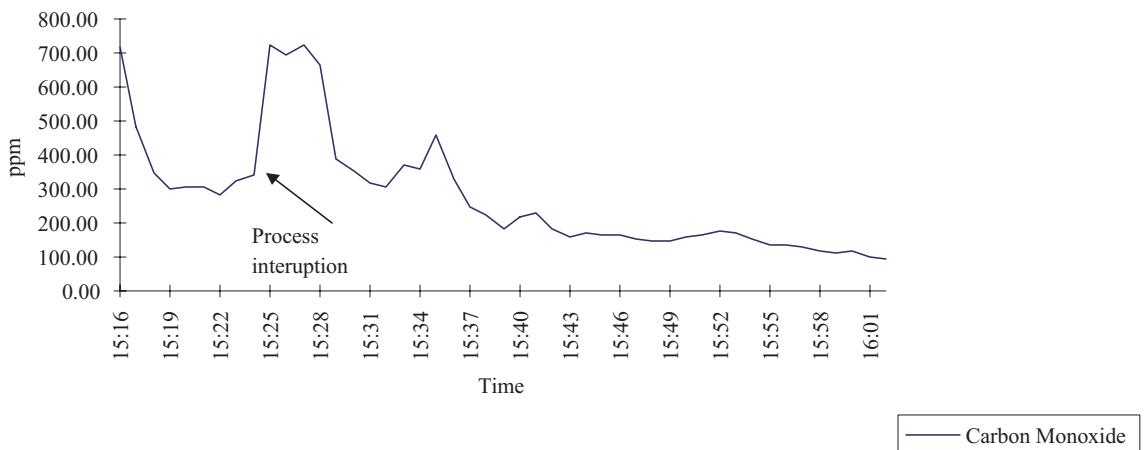


Figure 8. Run 1 Oxygen, Carbon Dioxide, Oxides of Nitrogen, Sulfur Dioxide, THC and Carbon Monoxide CEM Data

Figure 2a. Oxygen and Carbon Dioxide--RUN 2

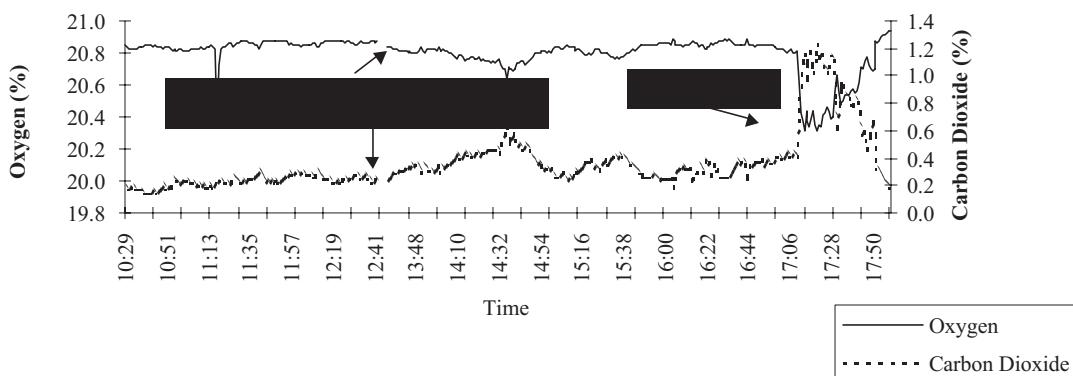


Figure 2b. Oxides of Nitrogen, Sulfur Dioxide and THC --RUN 2

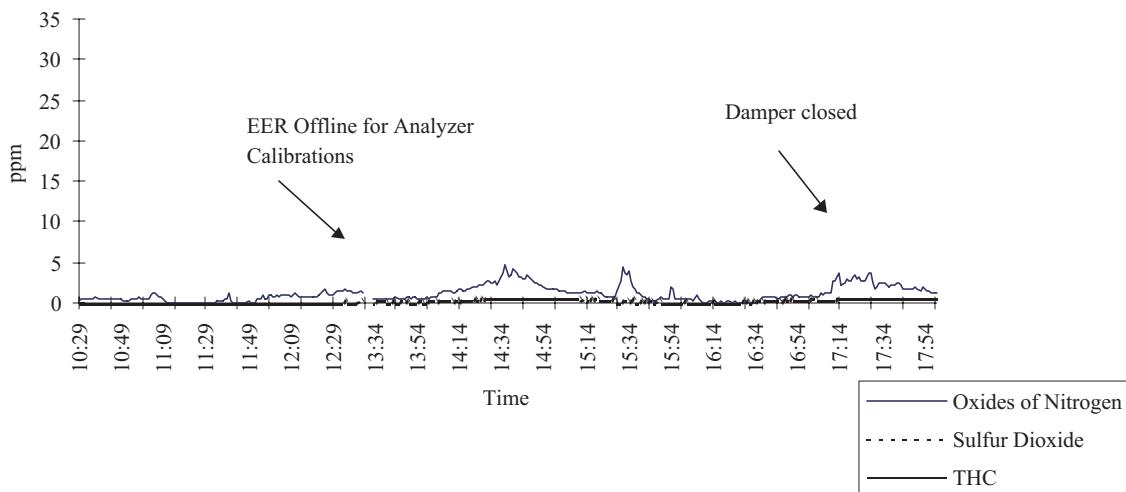


Figure 2c. Carbon Monoxide--RUN 2

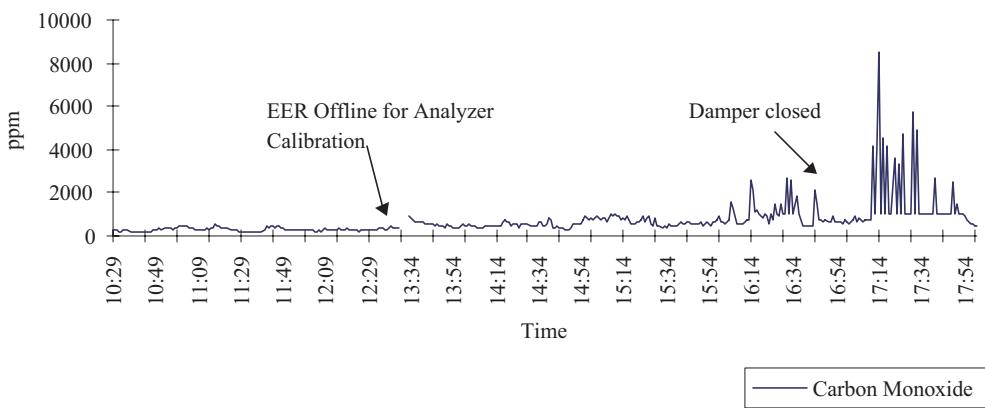


Figure 9. Run 2 Oxygen, Carbon Dioxide, Oxides of Nitrogen, Sulfur Dioxide, THC and Carbon Monoxide CEM Data